103.2 Synthetic Glasses for Microanalysis (rod and microsphere forms)

The glass SRMs listed below are suitable for micro
methods that require high homogeneity.

For futher information see SP 260-112

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

	SRM 1872 Glass			SRM 1873 Glass			SRM 2066 Glass Microspheres
	K-453	K-491	K-968	K-458	K-489	K-963	K-411
Elemental composition (mass fraction, in %)							
Pb	54.21	54.69	54.74		(1.32)		
Si		(0.11)		23.05	(22.23)	(21.96)	25.6
Ge	28.43	26.10	25.93			(0.47)	
Ba			(0.46)	41.79	39.53	39.21	
Ca							11.2
Zn				3.01	2.93	2.95	
P			(0.21)			(0.33)	
Mg			(0.22)			(0.34)	9.2
Al		(0.10)			(0.11)		
B							
Zr		(0.26)	(0.48)		(0.40)	(0.61)	
Ti		(0.14)	(0.16)		(0.27)	(0.32)	
Ce		(0.59)			(0.80)		
Ta		(0.52)			(0.95)		
Fe		(0.17)			(0.35)		11.2
Li							
Ni			(0.20)			(0.33)	
Eu			(0.64)			(0.95)	
U			(0.05)			(0.16)	
Th			(0.12)			(0.06)	
Cr			(0.19)			(0.31)	
O	(16.73)	(16.45)	(16.67)	(31.86)	(31.70)	(32.00)	42.9
Total	(99.37)	(99.13)	(100.07)	(99.71)	(100.59)	(100.00)	

Values in parentheses are not certified and are given for information only.